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AMENDMENTS TO THE SPECIFICATION

Please replace the title with the following amended title:

~~ACCESSING~~ REASSEMBLY OF A TRANSMISSION CONTROL PROTOCOL (TCP) DATA STREAM FROM ~~TRANSMISSION CONTROL PROTOCOL (TCP)~~ PAYLOADS OF TCP SEGMENTS OF A BIDIRECTIONAL TCP CONNECTION

Please replace the paragraphs immediately following the Title with the following amended paragraphs

RELATED APPLICATIONS

The subject patent application is a continuation of, and claims priority to, U.S. Patent Application 10/059,770, entitled "Cumulative Status of Arithmetic Operations", filed January 28, 2002, now U.S. Pat. No. 6,701,338; which is, in turn, a continuation of, and claims priority to, U.S. Patent Application Serial No. 09/283,662, entitled "Programmable System for Processing a Partitioned Network Infrastructure", filed 04/01/1999, now U.S. Pat. No. 6,421,730; which is, in turn, a continuation of, and claims priority to, U.S. Patent Application Serial No. 09/097,858, entitled "Packet Processing System including a Policy Engine having a Classification Unit" filed 06/15/1998, now U.S. Pat. No. 6,157,955.

The subject patent application is related to U.S. Patent Application 10/100,746, entitled "Multiple Consumer – Multiple Producer Rings", filed 3/18/2002, now U.S. Pat. No. 6,625,689; and U.S Patent Application 10/084,815, entitled "Programmable System for Processing a Partitioned Network Infrastructure" filed 02/27/2002, now U.S. Pat. No. 6,859,841. The patent application is also related to U.S. Patent Application 09/282,790, entitled "Platform Permitting Execution of Multiple Network Infrastructure Applications", filed 3/31/1999, and issued as U.S. Pat. No. 6,401,117. The subject patent application is also related to a patent application, filed on the same day as the present application,

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naming the same inventor, entitled "LANGUAGE FOR HANDLING NETWORK

PACKETS", U.S. Patent Application 10/748,311.